

Converting Colors

Decimal(15237376)

Have a look what the booklet for
Decimal(15237376) contains.

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Color

Decimal(15237376)

Conversions

Conversions Part 1

Format	Color
Hex	E88100
RGB	232, 129, 0
RGB Percent	91%, 51%, 0%
CMY	0.0902, 0.4941, 1.0000
CMYK	0.00, 0.44, 1.00, 0.09
HSL	33°, 100%, 45%
HSV	33°, 100%, 91%
XYZ	41.1290, 32.8563, 4.1742
YIQ	145.0910, 102.7970, -18.2830

Conversions

Conversions Part 2

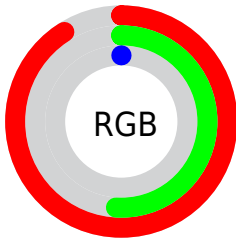
Format	Color
RYB	185, 232, 0
Decimal	15237376
CIELab	64.04, 33.17, 70.57
CIELCh	64, 77.976, 64.827
Yxy	32.8563, 0.5262, 0.4204
Android (android.graphics.Color)	4293427456 (0xFFE88100)
YUV	145.0910, -71.5299, 76.2192
Hunter-Lab	57.3204, 27.7678, 35.8067

Details

The Decimal color **15237376** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **26600**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **16758599**, and **11095552** is the 20% darker color. If you saturate the color by 10%, you get **15237376**, and if you desaturate by 10%, it is **15239959**.

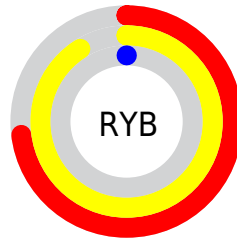
Distribution



Red (91%)

Green (51%)

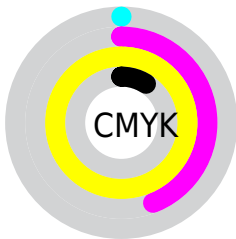
Blue (0%)



Red (73%)

Yellow (91%)

Blue (0%)

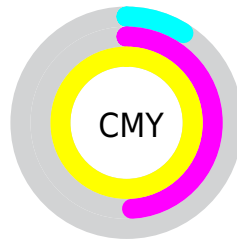


Cyan (0%)

Magenta (44%)

Yellow (100%)

Black (9%)



Cyan (9%)


















Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15237376 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 15237376 by changing the saturation by 10% instead.

 15237376	 15237376
16777215	 13133568
 16758599	 11095552
 16765795	 9123328
 16772990	 7151104
 16777114	 5243648
 16777142	 3473408
 16777171	 1179648
 16777200	 0

 15237376

 15239959

 15242798

 15245382

 15247965

 15250548

 15253387

 15255970

 15258554

 15261393

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16736336



15237376



11574272

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15237376



47781



11043839

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



15237376



26600

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



41215



15237376



47593

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15237376



46684



45823



16146648

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15237376



8562688



45823



8228607

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



15237376



16768435



15204456



8416082



0



8421504

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15237376



16748032



14477312



7564903



11756288



3349504

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



26600



29183



786664



6777971



20403



5939

Previews

White Background



This preview shows how the Decimal color 15237376 looks on a white background.

Color Contrast Check

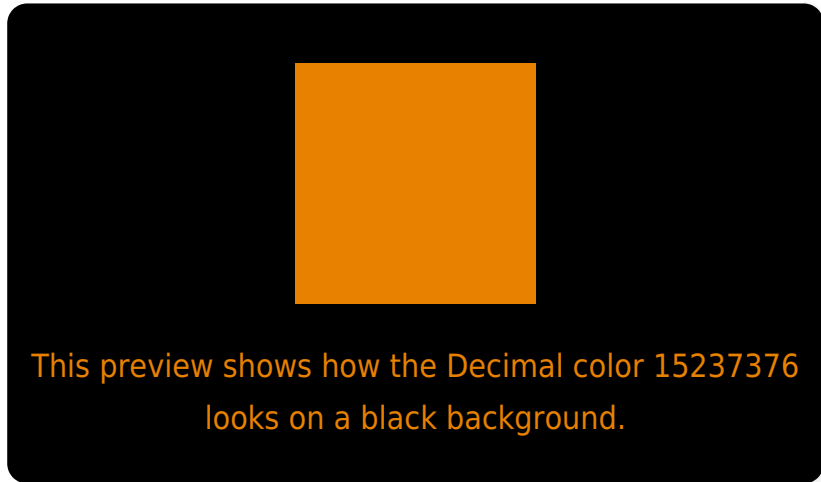
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 15237376 Background



This preview shows how black text looks on a background with the Decimal color 15237376.



This preview shows how white text looks on a background with the Decimal color 15237376.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
15237376

Protanopia
11574291

Deuteranopia
12948480



Tritanopia
15497344

Trichromacy



Original Color
15237376

Protanomaly
12882444

Deuteranomaly
13798656

Tritanomaly
15432529

Monochromacy



Original Color
15237376

Achromatopsia
9539985

Achromatomaly
11635548

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15237376 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #E88100 looks like.

```
.text, #text, p{  
    color:#E88100  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #E88100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E88100
}
```

Border

The CSS property to change the border of an element to Decimal 15237376 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E88100 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#E88100 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #E88100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E88100; -webkit-box-shadow:4px 4px  
4px 4px #E88100; box-shadow:4px 4px 4px  
4px #E88100 }
```

Background

The CSS property to change the background color of an element to Decimal 15237376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E88100 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#E88100 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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